

## SERID NO:31

1127	1127 VVRLNDTVGVTKKCSEDWKLVRSASFSRGGQLSFTDLGLPPTDHLQASFG 1176 A3G40 A3G40
117	QPSGILLDHQTWTRNLQVTLEDGYIELSTSDSGGPIFK:
1227	SGLRLLIDDQLLRNSKRLKHISSSRÇ
1277	SLSPEVLDLTSNSLKRDVSLGGCSLNKP
1327	LINQLLQDTPVASPRSVKVWQDACSPLPKTQ
1377	POELLKPRSQFAVDMOTTSSRGLVFHTGTKNSFMALYLSKG
1427	1427 ALGTDGKKLRIKSKEKCNDGKWHTVVFGHDGEKGRLVVDGLRAREGSLPG 1476 A3G80 A3G78 A3G82
1477	ואו
1527	A3G85

## Figure 5

## SERID NO: 32

TSISLYMKPPPKPOTTGAWVADOPVLYLGSKNAKKEYMGLAIKNDNLYYVYNLGMKDVEILLDSKPVSSWPAYFSIV A4G-1 A4G-2 A4G-3 A4G-4 A4G-5 A4G-6 A4G-7 A4G-8 A4G-9 A4G-10 A4G-11 A4G-12 A4G-13 A4G-14 A4G-15 A4G-16 A4G-17 A4G-18 A4G-19 1006 NNDVISLYNFKHIYNMDPSKSVPCARDKLAFTQSRAASYFFDGSSYAUVRDITRRGKFGQVTRFDIEIRTPADNGLV A4G-22 A4G-23 A4G-24 A4G-25 A4G-26 A4G-27 A4G-28 llhyngshffslemrngylhvfydfgfsngpvhledtlkkaqindakyreisiiyendkkmilvydrrhvkstdnek A4G-29 A4G-30 A4G-31 A4G-32 A4G-33 A4G-34 A4G-35 A4G-36 A4G-37 1146 KKIPFTDIYIGGAPQBVLQSRTLRAHLPLDINFRGCMKGIQFQKKDPNLLEQTETLGVGYGCPEDSLISRRAYPNGQ A4G-38 A4G-39 A4G-40 A4G-41 A4G-42 A4G-43 A4G-44 A4G-45 A4G-46 A4G-47 1717 SPIASIQKISPPDGPEGGPNPRTLQPNGLLFYYTSGSDVPSISLDNGTVVNDVKGIKVNSTDKQYHDGLPHPVVTSI A4G-48 A4G-49 A4G-50 A4G-51 A4G-52 A4G-53 A4G-54 A4G-55 A4G-56 1336 SDTRYELVVDKSRLRGKNPTKGKAEQTOTTEKKPYFGGSPISPQYANFTGCISNAYFTRLDRDVEVEAFQRYSEKVH A4G-57 A4G-58 A4G-59 A4G-60 A4G-61 A4G-62 A4G-63 1391 TSLYECPIESSPLFLLHKKGKNSSKPKTNKQGEKSKDAPSWDPIGLKFLEQKAPRDSHCHLFSSPRAIEHAYQYGGT A4G-67 A4G-68 A4G-69 A4G-70 A4G-71 A4G-72 A4G-73 A4G-74 ansrqepeheqgopgeksqpsirlktrsshgmipyvsdqeendphtlplahgrlvpmpnvghkklkirsqekyndgl A4G-76 A4G-77 A4G-78 A4G-79 A4G-80 A4G-81 A4G-82 A4G-83 A4G-84 A4G-85 1621 WHDVIFIREKSSGRLVIDGLRVLBERLPPSGAAWKIKGPIYLGGVAPGRAVKNVQITSVYSFSGCLGNLQLNGASIT A4G-86 A4G-87 A4G-88 A4G-89 A4G-90 A4G-91 A4G-92 A4G-93 1692 SASQTPSVTPCFBGPMETGTYFSTEGGYVVLDESFNIGLKPEIAPEVRPRSSSGTLVHGHSVNGEYLNVHHRNGQVI A4G-95 A4G-96 A4G-97 A4G-98 A4G-99 A4G-100 A4G-101 A4G-102 A4G-103 1699 VKVNNGVRDFSTSVTPKQNLCDGRWHRITVIRDSNVVQLDVDSEVNHVVGPLNPKPVDHREPVFVGGVPESLLTPRL A4G-104 A4G-105 A4G-106 A4G-107 A4G-108 A4G-109 A4G-110 A4G-111 A4G-112 1776 APSKPFTGCIRHFVIDSRPVSFSKAALVSGAVSINSCPTA A4G-113 A4G-114 A4G-115 A4G-116

Figure 6

## SEQIDNO: 33

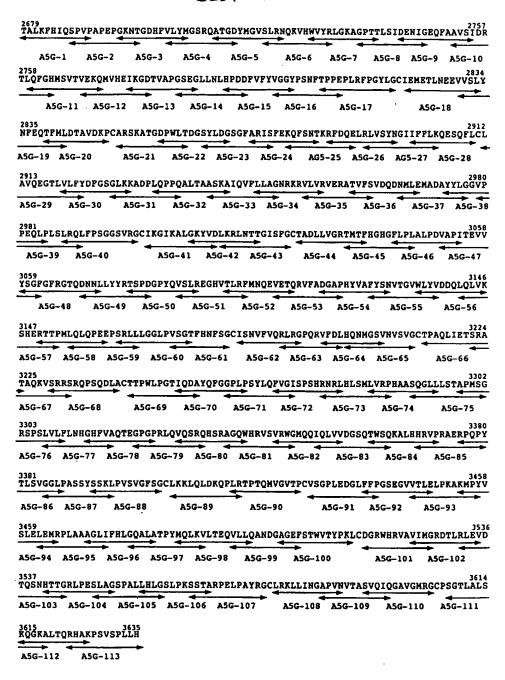


Figure 7

÷	PEPTIDES	Laminin Chain and Amino Acid Sequence Number	Amino Acid Sequence	% Disruption/ Disassembly of Fibrilla AB (AB Peptide Molar Ratio of 1:6)	_ _Serid
	AG73	Alpha-1 chain; residues 2719-2730	RKRLQVQLSIRT	46 % (S; p < 0.01)***	No: 1
	A3	Alpha-3 chain; residues 2243-2254	KPRLQFSLDIQT	23 % (S; p < 0.01)	NO:20
	A5	Alpha-5 chain; residues 3275-3286	RNRLHLSMLVRP	22 % (S; p<0.01)	NO:2
	C-16	Gamma-1 chain; residues 139-150	KAFDITYVRLKF	28 % (S; p<0.01)***	NO:Z
	LAM-L	Alpha-1 chain; residues 2097-2108	AASIKVAVSADR	24 % (S; p<0.01)	NO:ZZ
•	A-13	Alpha-1 chain; residues 97-109	RQVFQVAYIIIKA	30 % (S; p<0.01)***	NO: 3
	HA3G45	Alpha-3 chain; residues 1173-1184	ASFGFQTFQPSG	21 % (S; p<0.05)	NO:23
	HA3G47	Alpha-3 chain; residues 1189-2000	HQTWTRNLQVTL	28 % (S; p<0.01)***	No: 4
	HA3G58	Alpha-3 chain; residues 1276-1287	ISNVFVQRLSLS	32 % (S; p<0.01)***	NO. S
	HA3G67	Alpha-3 chain; residues 1342-1353	ASPPSVKVWQDA	25 % (S; p<0.01)***	NO: 6
	HA3G71	Alpha-3 chain; residues 1379-1390	FKLPQELLKPRS	23 % (S; p<0.05)	No:24
	HA3G74	Alpha-3 chain; residues 1402-1414	RGLVFHTGTKNSF	32 % (S; p<0.01)***	NO: 7
	HA3G75	Alpha-3 chain; residues 1411-1422	KNSFMALYLSKG	24 % (S; p<0.01)	No:25
	HA3G76	Alpha-3 chain; residues 1418-1429	YLSKGRLVFALG	26 % (S; p<0.01)***	No: 8
-	HA3G79	Alpha-3 chain; residues 1444-1455	NDGKWHTVVFGH	27 % (S; p<0.01)***	NO: 9
	HA3G83	Alpha-3 chain; residues 1477-1487	GNSTISIRAPVY	33 % (S; p<0.01)***	NO: 10
	A4G31	Alpha-4 chain; residues 1101-1112	LHVFYDFGFSNG	23 % (S; p<0.01)	No:26
	A4G82	Alpha-4 chain; residues 1513-1524	TLFLAHGRLVFM	30 % (S; p<0.01)***	NO: 11
	A5G15	Alpha-5 chain; residues 2792-2803	HPDDFVFYVGGY	30 % (S; p<0.01)***	NO:12
	A5G35	Alpha-5 chain; residues 2950-2961	<b>VLVRVERATVFS</b>	20 % (S; p<0.05)	10:27
	A5G46	Alpha-5 chain; residues 3043-3054	FLPLALPDVAPI	21 % (S; p<0.05)	W: 28
	A5G56	Alpha-5 chain; residues 3135-3146	WLYVDDQLQLVK	27 % (S; p<0.01)***	Ub:13
	A5G71	Alpha-5 chain; residues 3259-3270	GPLPSYLQFVGI	22 % (S; p<0.05)	ND: 29
	A5G80	Alpha-5 chain; residues 3329-3340	VQSRQHSRAGQW	25 % (S; p<0.01)***	NO: 14
	A5G81	Alpha-5 chain; residues 3337-3348	AGQWHRVSVRWG	41 % (S; p<0.01)***	10.15
	A5G82	Alpha-5 chain; residues 3345-3356	VRWGMQQIQLVV	29 % (S; p<0.01)***	10:16
	A5G84	Alpha-5 chain; residues 3361-3372	TWSQKALHHRVP	27 % (S; p<0.01)***	10:17
	A5G101	Alpha-5 chain; residues 3516-3527	DGRWHRVAVIMG	39 % (S; p<0.01)***	NO:18
	A5G109	Alpha-5 chain; residues 3587-3598	APVNVTASVQIQ	32 % (S; p<0.01)***	NO: 19
	A5G110	Alpha-5 chain; residues 3594-3605	SVQIQGAVGMRG	23 % (S; p<0.05)	NO:30

\*\*\* Selected for Further Testing

Figure 8

PTI-	SERIDNO	Structure	Formula	MW
DP-001 D-AG73 or D-A1 A1-chain 2719-2730	No:1	Arg-Lys-Arg-Lue-Gln-Val-Gln-Leu-Ser-Ile-Arg-Thr	C <sub>64</sub> H <sub>120</sub> N <sub>24</sub> O <sub>17</sub>	1497.82
DP-002 D-A13 A1-chain 97-109	N0:3	Arg-Gln-Val-Phe-Gln-Val-Ala-Tyr-Ile-Ile-Ile-Lys-Ala	C74H121N19O17	1548.90
DP-003 D-HA3G76 A3-chain 1418-1429	No:8	Tyr-Leu-Ser-Lys-Gly-Arg-Leu-Val-Phe-Ala-Leu-Gly	C <sub>63</sub> H <sub>102</sub> N <sub>16</sub> O <sub>15</sub>	1323.61
DP-004 D-A4G82 A4-chain 1513-1524	No: <sub>I</sub> (	Thr-Leu-Phe-Leu-Ala-His-Gly-Arg-Leu-Val-Phe-Met	C <sub>67</sub> H <sub>105</sub> N <sub>17</sub> O <sub>14</sub> S	1404.75
DP-005 D-A5G81 A5-chain 3337-3348	No:15	Ala-Gly-Gln-Trp-His-Arg-Val-Ser-Val-Arg-Trp-Gly	C <sub>65</sub> H <sub>95</sub> N <sub>23</sub> O <sub>15</sub>	1438.62
DP-006 D-A5G101 A5-chain 3516-3527	No: 18	Asp-Gly-Arg-Trp-His-Arg-Val-Ala-Val-Ile-Met-Gly	C <sub>61</sub> H <sub>97</sub> N <sub>21</sub> O <sub>15</sub> S	1396.65
DP-007 D-HA3G47 A3-chain 1189-2000	No. 4	His-Gln-Thr-Trp-Thr-Arg-Asn-Leu-Gln-Val-Thr-Leu	C <sub>66</sub> H <sub>105</sub> N <sub>21</sub> O <sub>19</sub>	1496.70
DP-008 P-HA3G58 A3-chain 1276-1287	NO:5	Ile-Ser-Asn-Val-Phe-Val-Gln-Arg-Leu-Ser-Leu-Ser	C <sub>61</sub> H <sub>103</sub> N <sub>17</sub> O <sub>18</sub>	1362.60

Fig. 12a

PTI-	SECIDAD	Structure	Formula	MW
DP-009		Arg-Gly-Leu-Val-Phe-His-Thr-Gly-Thr-Lys-Asn-Ser-Phe	·	
D-HA3G74 A3-chain 1402-1414			C <sub>66</sub> H <sub>102</sub> N <sub>20</sub> O <sub>18</sub>	1463.67
	No: 7	Mark		
DP-010 D-HA3G83 A3-chain 1477-1487		Gly-Asn-Ser-Thr-Ile-Ser-Ile-Arg-Ala-Pro-Val-Tyr	C <sub>56</sub> H <sub>92</sub> N <sub>16</sub> O <sub>18</sub>	1277.45
	No: p	, m, md		
DP-011	•	Val-Arg-Trp-Gly-Met-Gln-Gln-Ile-Gln-Leu-Val-Val		
D-A5G82 A5-chain 3345-3356	Alou V		C <sub>66</sub> H <sub>109</sub> N <sub>19</sub> O <sub>16</sub> S	1456.78
DP-012	No:16	Ala-Pro-Val-Asn-Val-Thr-Ala-Ser-Val-Gln-Ile-Gln		
DF-012 D-A5G109 A3-chain 1444-1455	امدي	Alario Val-Asin-Val-Internation Val Cin Inc	C53H91N15O18	1226.40
DD 012	No:19	Thr-Arg-Ile-Ser-Leu-Gln-Val-Gln-Leu-Arg-Lys-Arg		
DP-013 D-rAG73 or D-rA1 A1-chain r2719-2730 or		Inf-Arg-Ite-Ser-Leu-Gin-Val-Gin-Leu-Arg-Lys-Arg	C <sub>64</sub> H <sub>120</sub> N <sub>24</sub> O <sub>17</sub>	1497.82
2730-2719 DD 014	NO:34	Ala-Lys-Ile-Ile-Ile-Tyr-Ala-Val-Gln-Phe-Val-Gln-Arg		
DP-014 D-rA13 A1-chain r92-109 or 109-92	No:35	Ala-Lys-lie-lie-lie-lyr-Ala-val-Oni-File-val-Oni-Alg	C74H121N19O17	1547.92
DP-015		Gly-Leu-Ala-Phe-Val-Leu-Arg-Gly-Lys-Ser-Leu-Tyr		
D-rHA3G76 A3-chain r1418-1429 or 1429-1418		H <sub>2</sub> M, all all all all all all all all all al	C <sub>63</sub> H <sub>102</sub> N <sub>16</sub> O <sub>15</sub>	1323.61
	No. 36	NH2 NH2		
DD 016	ענ ויטו	Met Dhe Vel I ou Arg Cly His Ale I ou Dhe I ou The		<u>.</u>
DP-016 D-rA4G82 A4-chain r1513-1524 or 1524-1513		Met-Phe-Val-Leu-Arg-Gly-His-Ala-Leu-Phe-Leu-Thr	C <sub>67</sub> H <sub>105</sub> N <sub>17</sub> O <sub>14</sub> S	1404.75
	No:37	100		

Fig. 126

PTI-	Score de		Т	
DP-017	SEQID NO	Structure  Structure	Formula	MW
DP-017 D-rA5G81 A5-chain r3337-3348 or 3348-3337		Gly-Trp-Arg-Val-Ser-Val-Arg-His-Trp-Gln-Gly-Ala	C <sub>65</sub> H <sub>95</sub> N <sub>23</sub> O <sub>15</sub>	1438.62
	No: 38	I was not		
DP-018 D-rA5G101 A5-chain r3516-3527 or 3527-3516		Gly-Met-Ile-Val-Ala-Val-Arg-His-Trp-Arg-Gly-Asp	C <sub>61</sub> H <sub>97</sub> N <sub>21</sub> O <sub>15</sub> S	1396.65
LP-019		Arg-Lys-Arg-Lue-Gln-Val-Gln-Leu-Ser-Ile-Arg-Thr		
AG73 or Al Al-chain 2719-2730	NO: I		C <sub>64</sub> H <sub>120</sub> N <sub>24</sub> O <sub>17</sub>	1497.82
LP-020		Arg-Gln-Val-Phe-Gln-Val-Ala-Tyr-Ile-Ile-Ile-Lys-Ala		
A13 A1-chain 92-109	No:3		C <sub>74</sub> H <sub>121</sub> N <sub>19</sub> O <sub>17</sub>	1548.90
LP-021	' 	Tyr-Leu-Ser-Lys-Gly-Arg-Leu-Val-Phe-Ala-Leu-Gly	<del> </del>	
HA3G76 A3-chain 1418-1429	No: 8	HO NH	C <sub>63</sub> H <sub>102</sub> N <sub>16</sub> O <sub>15</sub>	1323.61
LP-022		Thr-Leu-Phe-Phe-Met-Arg-Leu-Val-His-Ala-Leu-Gly		
A4G82 A4-chain 1513-1524	No:40	HENT AND	C <sub>67</sub> H <sub>105</sub> N <sub>17</sub> O <sub>14</sub> S	1404.75
LP-023		Ala-Gly-Gln-Trp-His-Arg-Val-Ser-Val-Arg-Trp-Gly		
A5G81 A5-chain 3337-3348	No: 15	HEN THE	C <sub>65</sub> H <sub>95</sub> N <sub>23</sub> O <sub>15</sub>	1438.62
LP-024	70-70	Asp-Gly-Arg-Trp-His Arg Vol Ala Val IIa Mar Cl	·	
ASG101 A5-chain 3516-3527	NO:18	Asp-Gly-Arg-Trp-His-Arg-Val-Ala-Val-Ile-Met-Gly	C <sub>61</sub> H <sub>97</sub> N <sub>21</sub> O <sub>15</sub> S	1396.65

Fig. 12c

Leu-Pro-Phe-Phe-Asp	PTI-	SERIO NO	Structure	Formula	MW
DP-026   Trc'n   5;1-7   Ala-Gly-Gln-Trp-His-Arg-Val   C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub>   852.95     DP-027   Trc'n   5;2-8   C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub>   852.95     DP-028   Trc'n   5;3-9   C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub>   939.09     DP-030   Trc'n   5;5-11   Arg-Val-Ser-Val-Arg-Trp   C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub>   939.09     DP-031   Trc'n   5;6-12   C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub>   859.00     DP-032   Trc'n   5;6-12   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   6;1-7   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-033   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-034   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-035   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-036   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-037   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-038   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-039   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-030   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-031   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02     DP-032   Trc'n   C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub>   925.02			Leu-Pro-Phe-Phe-Asp		
DP-026 Trc'n 5;1-7  Nb:42  DP-027 Trc'n 5;2-8  DP-028 Trc'n 5;3-9  Nb:43  DP-029 Trc'n 5;4-10  Nb:45  DP-030 Trc'n 5;5-11  Nb:45  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 5;6-12  DP-032 Trc'n 5;6-12  Nb:47  DP-032 Trc'n 5;6-12  Nb:47  DP-032 Trc'n 5;6-12  Asp-Gly-Arg-Trp-His-Arg-Val  Asp-Gly-Arg-Trp-His-Arg-Val  Ca <sub>0</sub> H <sub>60</sub> N <sub>16</sub> O <sub>9</sub> S59.00  S59.00  Asp-Gly-Arg-Trp-His-Arg-Val  Ca <sub>0</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> S59.00  Ca <sub>0</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> S59.00	breaker or	<b>.</b>	Many Long Long Con	C <sub>33</sub> H <sub>43</sub> N <sub>5</sub> O <sub>8</sub>	637.74
DP-026 Trc'n 5;1-7       Ala-Gly-Gin-Trp-His-Arg-Val Trp-His-Arg-Val-Ser       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub> 852.95         DP-027 Trc'n 5;2-8       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 868.95         DP-028 Trc'n 5;3-9       C <sub>41</sub> H <sub>62</sub> N <sub>14</sub> O <sub>10</sub> 911.04         DP-029 Trc'n 5;4-10       C <sub>41</sub> H <sub>62</sub> N <sub>14</sub> O <sub>10</sub> 911.04         DP-030 Trc'n 5;5-11       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         DP-031 Trc'n 5;6-12       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         DP-032 Trc'n 6;1-7       C <sub>38</sub> H <sub>69</sub> N <sub>14</sub> O <sub>9</sub> 859.00	ίΑβ5	410.414	TOO THE		
Trc'n 5;1-7  DP-027 Trc'n 5;2-8  C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub> 852.95  C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub> 868.95  DP-028 Trc'n 5;3-9  Ab: 44  DP-029 Trc'n 5;4-10  Ab: 45  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 5;6-12  Ab: 47  DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub> 852.95  C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub> 868.95  C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 911.04  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  859.00		700:47			
DP-027 Trc'n 5;2-8  DP-028 Trc'n 5;3-9  Nb: 43  DP-029 Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  DP-032 Trc'n 6;1-7	1		Ala-Gly-Gln-Trp-His-Arg-Val	· '	
DP-027       Trc'n       5;2-8       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 868.95         DP-028       Trc'n       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 911.04         Trc'n       5;3-9       C <sub>41</sub> H <sub>62</sub> N <sub>14</sub> O <sub>10</sub> 911.04         DP-029       Trc'n       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         Trc'n       C;4-10       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         DP-030       Trc'n       C <sub>55</sub> -11       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         DP-031       Trc'n       C <sub>56</sub> -12       C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00         DP-032       Trc'n       C <sub>36</sub> H <sub>62</sub> N <sub>16</sub> O <sub>10</sub> 925.02	1			C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>9</sub>	852.95
DP-027       Trc'n       5;2-8       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 868.95         DP-028       Trc'n       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 868.95         Trc'n       C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub> 911.04         DP-029       Trp-His-Arg-Val-Ser-Val-Arg       C <sub>41</sub> H <sub>62</sub> N <sub>14</sub> O <sub>10</sub> 911.04         DP-030       Trc'n       C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09         DP-031       Trc'n       C <sub>55</sub> -12       C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00         DP-032       Trc'n       C <sub>56</sub> -12       C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00         DP-032       Trc'n       C <sub>61-7</sub> C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02		Noi42		]	
DP-028 Trc'n 5;3-9  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032  Trc'n 5;6-17  DP-032  Trc'n 5;6-17  DP-032  Trc'n 5;6-17  DP-032  Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 5;6-17  DP-032 Trc'n 6;1-7	DP-027	,,,,	Gly-Gln-Trp-His-Arg-Val-Ser		<u> </u>
DP-028 Trc'n 5;3-9  No: 44  DP-029 Trp-His-Arg-Val-Ser-Val-Arg Trc'n 5;4-10  No: 45  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  No: 47  DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val  C41H62N14O10  911.04  C42H66N16O9 939.09  C42H66N16O9 939.09  C42H66N16O9 939.09  C42H66N16O9 939.09	1 .				969.05
DP-028       Gln-Trp-His-Arg-Val-Ser-Val         Trc'n       5;3-9         DP-029       Trp-His-Arg-Val-Ser-Val-Arg         Trc'n       5;4-10         DP-030       His-Arg-Val-Ser-Val-Arg-Trp         Trc'n       5;5-11         DP-031       Arg-Val-Ser-Val-Arg-Trp-Gly         Trc'n       5;6-12         Asp-Gly-Arg-Trp-His-Arg-Val       C <sub>36</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> R59.00       P032         Trc'n       C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	5;2-8		NOW ME WITH THE WAY TO ME	C <sub>38</sub> H <sub>56</sub> N <sub>14</sub> O <sub>10</sub>	868.95
DP-028       Gln-Trp-His-Arg-Val-Ser-Val         Trc'n       5;3-9         DP-029       Trp-His-Arg-Val-Ser-Val-Arg         Trc'n       5;4-10         DP-030       His-Arg-Val-Ser-Val-Arg-Trp         Trc'n       5;5-11         DP-031       Arg-Val-Ser-Val-Arg-Trp-Gly         Trc'n       5;6-12         Asp-Gly-Arg-Trp-His-Arg-Val       C <sub>36</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> R59.00       P032         Trc'n       C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02					
Trc'n 5;3-9  DP-029 Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  C41H62N14O10  911.04  C42H66N16O9  939.09		No:43	RIV MIL.		
5;3-9  No: 44  DP-029 Trc'n 5;4-10  No: 45  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val  C41H62N14O10  911.04  C42H66N16O9  939.09	1 4		Gln-Trp-His-Arg-Val-Ser-Val		**
DP-029 Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Ab: 47  Trp-His-Arg-Val-Ser-Val-Arg  C42H66N16O9  939.09	1 .		Max Jan Jan Jan Jan Jan Jan	CHc.N.,O.	911.04
DP-029 Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Trc'n 6;1-7  Tro-His-Arg-Val-Ser-Val-Arg  C42H66N16O9  939.09	3;5-9			C4111621114O10	J11.04
DP-029 Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Trc'n 6;1-7  Tro-His-Arg-Val-Ser-Val-Arg  C42H66N16O9  939.09		No: 44		1 1	
Trc'n 5;4-10  DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> P39.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>10</sub> P39.09	DP-029		Trp-His-Arg-Val-Ser-Val-Arg	<del>                                     </del>	
DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  C42H66N16O9  P39.09  P39.09  C42H66N16O9  P39.09  P39.09	!				
DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  His-Arg-Val-Ser-Val-Arg-Trp  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09	5;4-10			C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub>	939.09
DP-030 Trc'n 5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  His-Arg-Val-Ser-Val-Arg-Trp  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09	į	110.45			
Trc'n 5;5-11  DP-031 Trc'n 5;6-12  Arg-Val-Ser-Val-Arg-Trp-Gly C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  DP-032 Trc'n 6;1-7  C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	DD 020	,,,,,	The Are Vel Con Vel Are True		<u> </u>
5;5-11  DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  C42H <sub>66</sub> N <sub>16</sub> O <sub>9</sub> 939.09  C40H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	-		His-Arg-vai-Ser-vai-Arg-1rp		
DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Arg-Val-Ser-Val-Arg-Trp-Gly  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	1			C42H66N16O0	939.09
DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Arg-Val-Ser-Val-Arg-Trp-Gly  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	, , , ,		イン 人 フ ブ く ひ	042=-00= 110 = 9	
DP-031 Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Arg-Val-Ser-Val-Arg-Trp-Gly  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02		No:41			
Trc'n 5;6-12  DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02	DP-031		Arg-Val-Ser-Val-Arg-Trp-Glv		
5;6-12  No: 47  DP-032 Trc'n 6;1-7  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00  C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub> 859.00					
DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val  C40H60N16O10  925.02			and the second of	C <sub>38</sub> H <sub>62</sub> N <sub>14</sub> O <sub>9</sub>	859.00
DP-032 Trc'n 6;1-7  Asp-Gly-Arg-Trp-His-Arg-Val  C40H60N16O10  925.02			100		g men
Trc'n 6;1-7 C <sub>40</sub> H <sub>60</sub> N <sub>16</sub> O <sub>10</sub> 925.02		No: 47	No.	<u> </u>	
$C_{40}H_{60}N_{16}O_{10}$ 925.02		· ]	Asp-Gly-Arg-Trp-His-Arg-Val		
C40116014[60]					025.02
NO: 48	6;1-7		III) III) III) III) III) III) III) III	$C_{40}H_{60}N_{16}O_{10}$	923.02
NO: 48					••
	İ	NO: 48	NOT THE THE PARTY OF		

Fig. 12d

PTI-	SERTO NO	Structure	Formula	MW
DP-033	LICKLY IV	Gly-Arg-Trp-His-Arg-Val-Ala		
Trc'n				001.01
6;2-8		How yet week and the second of	$C_{39}H_{60}N_{16}O_8$	881.01
			,	
- Canada	NO:49	100 100 100 100 100 100 100 100 100 100		
DP-034		Arg-Trp-His-Arg-Val-Ala-Val		
Trc'n		mi hadal 9 g	C <sub>42</sub> H <sub>66</sub> N <sub>16</sub> O <sub>8</sub>	923.09
6;3-9			C4211661416O8	723.07
]	120.		]	
	No:50	in the second	·	
DP-035		Trp-His-Arg-Val-Ala-Val-Ile		
Trc'n		months of the state of the stat	C <sub>42</sub> H <sub>65</sub> N <sub>13</sub> O <sub>8</sub>	880.07
6;4-10				
	NO:51	\		
DP-036		His-Arg-Val-Ala-Val-Ile-Met		
Trc'n			G 77 N 0 0	925.05
6;5-11			C <sub>36</sub> H <sub>64</sub> N <sub>12</sub> O <sub>8</sub> S	825.05
,	NO:52		1	
77.007	700:3	Arg-Val-Ala-Val-Ile-Met-Gly		
DP-037 Trc'n		Arg- val-Ala- val-lie-vict-Oly		
6;6-12		Roy See See See See See See See See See Se	C <sub>32</sub> H <sub>60</sub> N <sub>10</sub> O <sub>8</sub> S	744.96
0,0 12		5 4 7 6	32 33	
	10:53	See .		·
DP-038	·	Thr-Leu-Phe-Leu-Ala-His-Gly		
Trc'n		my la la la la la la co	G II NO	757.89
4;1-7		COH COH COH	C <sub>36</sub> H <sub>55</sub> N <sub>9</sub> O <sub>9</sub>	131.69
	No:54			
DP-039		Leu-Phe-Leu-Ala-His-Gly-Arg		
Trc'n		L I I I I I		012.07
4;2-8			C <sub>38</sub> H <sub>60</sub> N <sub>12</sub> O <sub>8</sub>	812.97
	No: 55	M. Alt		
DP-040		Phe-Leu-Ala-His-Gly-Arg-Leu		
Trc'n		har har har har har har	C. H. N. O.	812.98
4;3-9			C <sub>38</sub> H <sub>60</sub> N <sub>12</sub> O <sub>8</sub>	<del>+</del> - <del></del>
	•			
	Nb: 56	to St.		
•		Fig. 12e	•	

PTI-	SERID NO	Structure	Formula	MW
DP-041		Leu-Ala-His-Gly-Arg-Leu-Val		
Trc'n		Llleii		
4;4-10		HAT THE BOTTOM	C <sub>34</sub> H <sub>60</sub> N <sub>12</sub> O <sub>8</sub>	764.93
	No:57	let Ande		
DP-042	100:37	Ala-His-Gly-Arg-Leu-Val-Phe		<del></del>
Trc'n	·			
4;5-11			C <sub>37</sub> H <sub>58</sub> N <sub>12</sub> O <sub>8</sub>	798.95
•	NO:58	7 7 7		
DD 042	<b>↓</b> ↓	Tio Che And Lou Vol Dho Mot		
DP-043 Trc'n		His-Gly-Arg-Leu-Val-Phe-Met		
4;6-12			C <sub>39</sub> H <sub>62</sub> N <sub>12</sub> O <sub>8</sub> S	859.07
1,0 12		474~26	. •	
	NO:59			
DP-044		Gly-Leu-Ala-Phe-Val-Leu-Arg		
Trc'n			C <sub>37</sub> H <sub>62</sub> N <sub>10</sub> O <sub>8</sub>	774.97
15;1-7		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	03/120211008	
	NO:60			·
DP-045		Leu-Ala-Phe-Val-Leu-Arg-Gly		
Trc'n		mini li lada		774.97
15;2-8	• <u>-</u>		$C_{37}H_{62}N_{10}O_8$	114.91
	120.00			
DP-046	NO:61	Ala-Phe-Val-Leu-Arg-Gly-Lys		
Trc'n		Ala-i ne-val-zeu-rig Giy Bys		
15;3-9			C <sub>37</sub> H <sub>63</sub> N <sub>11</sub> O <sub>8</sub>	789.98
		()		
,	NO:62			
DP-047		Phe-Val-Leu-Arg-Gly-Lys-Ser		
Trc'n		1 1 1 1 1 1 1 1 1		
15;4-10		AND THE	C <sub>37</sub> H <sub>63</sub> N <sub>11</sub> O <sub>9</sub>	805.98
	_		<u> </u>	
	No:63	HE HELL		
DP-048	•	Val-Leu-Arg-Gly-Lys-Ser-Leu	·	
Trc'n		me i l l ~ i l L.		. •
15;5-11		NH MH MH MH UN	$C_{34}H_{65}N_{11}O_{9}$	771.96
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DD 0401	·	HAN CALL COLUMN	1	<u> </u>
DP-049 Trc'n		Leu-Arg-Gly-Lys-Ser-Leu-Tyr		
15;6-2	.	HON JOHN TOUR DAIL JOHN CON	C <sub>38</sub> H <sub>65</sub> N <sub>11</sub> O <sub>10</sub>	836.01
10,02		7777		
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Fig. 12f